## DT13 Rec'd PCT/FT9 2 2 FEB 2005

## SEQUENCE LISTING

```
<110> Queen Mary & Westfield College
      Vinson, Gavin P
      Puddefoot, John R
      Barker, Stewart
<120> Therapeutic Uses of Monoclonal Antibodies to the Angiotensin-II Type-1
Receptor
<130> P33791WO/NCB
<140> PCT/GB2003/003758
<141> 2003-08-21
<150> GB 0219524.6
<151> 2002-08-21
<160> 72
<170> PatentIn version 3.1
<210> 1
<211> 45
<212> PRT
<213> Homo sapiens
<400> 1
Met Ile Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp
Asp Cys Pro Lys Ala Gly Arg His Asn Tyr Ile Phe Val Met Ile Pro
Thr Leu Tyr Ser Ile Ile Phe Val Val Gly Ile Phe Gly
                            40
<210> 2
<211> 10
<212> PRT
<213> Homo sapiens
<400> 2
Glu Asp Gly Ile Lys Arg Ile Gln Asp Asp
                5
                                    10
<210> 3
<211> 5
<212> PRT
<213> Homo sapiens
<400> 3
Thr Glu Asp Gly Ile
```

```
<210> 4
<211> 5
<212> PRT
<213> Homo sapiens
<400> 4
Glu Asp Gly Ile Lys
<210> 5
<211> 5
<212> PRT
<213> Homo sapiens
<400> 5
Asp Gly Ile Lys Arg
<210> 6
<211> 5
<212> PRT
<213> Homo sapiens
<400> 6
Gly Ile Lys Arg Ile
<210> 7
<211> 5
<212> PRT
<213> Homo sapiens
<400> 7
Ile Lys Arg Ile Gln
<210> 8
<211> 5
<212> PRT
<213> Homo sapiens
<400> 8
Lys Arg Ile Gln Asp
<210> 9
<211> 5
<212> PRT
<213> Homo sapiens
```

```
Arg Ile Gln Asp Asp
<210> 10
<211> 5
<212> PRT
<213> Homo sapiens
<400> 10
Ile Gln Asp Asp Cys
<210> 11
<211> 6
<212> PRT
<213> Homo sapiens
<400> 11
Ser Thr Glu Asp Gly Ile
<210> 12
<211> 6
<212> PRT
<213> Homo sapiens
<400> 12
Thr Glu Asp Gly Ile Lys
              5
<210> 13
<211> 6
<212> PRT
<213> Homo sapiens
<400> 13
Glu Asp Gly Ile Lys Arg
<210> 14
<211> 6
<212> PRT
<213> Homo sapiens
<400> 14
Asp Gly Ile Lys Arg Ile
```

<400> 9

```
·<210> 15
<211> 6
<212> PRT
<213> Homo sapiens
<400> 15
Gly Ile Lys Arg Ile Gln
<210> 16
<211> 6
<212> PRT
<213> Homo sapiens
<400> 16
Ile Lys Arg Ile Gln Asp
<210> 17
<211> 6
<212> PRT
<213> Homo sapiens
<400> 17
Lys Arg Ile Gln Asp Asp
<210> 18
<211> 6
<212> PRT
<213> Homo sapiens
<400> 18
Arg Ile Gln Asp Asp Cys
                5 .
<210> 19
<211> 6
<212> PRT
<213> Homo sapiens
<400> 19
Ile Gln Asp Asp Cys Pro
1 . 5
<210> 20
<211> 7
<212> PRT
<213> Homo sapiens
```

```
Ser Ser Thr Glu Asp Gly Ile
<210> 21
<211> 7
<212> PRT
<213> Homo sapiens
<400> 21
Ser Thr Glu Asp Gly Ile Lys
<210> 22
<211> 7
<212> PRT
<213> Homo sapiens
<400> 22
Thr Glu Asp Gly Ile Lys Arg
            5
<210> 23
<211> 7
<212> PRT
<213> Homo sapiens
<400> 23
Glu Asp Gly Ile Lys Arg Ile
<210> 24
<211> 7
<212> PRT
<213> Homo sapiens
<400> 24
Asp Gly Ile Lys Arg Ile Gln
    5
<210> 25
<211> 7
<212> PRT
<213> Homo sapiens
<400> 25
Gly Ile Lys Arg Ile Gln Asp
```

<400> 20

```
<210> 26
 <211> 7
<212> PRT
<213> Homo sapiens
 <400> 26
 Ile Lys Arg Ile Gln Asp Asp
 <210> 27
 <211> 7
<212> PRT
 <213> Homo sapiens
 <400> 27
 Lys Arg Ile Gln Asp Asp Cys
 <210> 28
 <211> 7
 <212> PRT
 <213> Homo sapiens
 <400> 28
 Arg Ile Gln Asp Asp Cys Pro
 <210> 29
 <211> 7
 <212> PRT
 <213> Homo sapiens
 <400> 29
 Ile Gln Asp Asp Cys Pro Lys
                 5
 <210> 30
 <211> 8
 <212> PRT
 <213> Homo sapiens
 <400> 30
 Asn Ser Ser Thr Glu Asp Gly Ile
 <210>
        31
 <211> 8
 <212> PRT
 <213> Homo sapiens
 <400> 31
```

```
Ser Ser Thr Glu Asp Gly Ile Lys
<210> 32
<211> 8
<212> PRT
<213> Homo sapiens
<400> 32
Ser Thr Glu Asp Gly Ile Lys Arg
<210> 33
<211> 8
<212> PRT
<213> Homo sapiens
<400> 33
Thr Glu Asp Gly Ile Lys Arg Ile
<210> 34
<211> 8
<212> PRT
<213> Homo sapiens
<400> 34
Glu Asp Gly Ile Lys Arg Ile Gln
               5
<210> 35
<211> 8
<212> PRT
<213> Homo sapiens
<400> 35
Asp Gly Ile Lys Arg Ile Gln Asp
<210> 36
<211> 8
<212> PRT
<213> Homo sapiens
<400> 36
Gly Ile Lys Arg Ile Gln Asp Asp
```

<210> 37

```
<212> PRT
 <213> Homo sapiens
 <400> 37
· Ile Lys Arg Ile Gln Asp Asp Cys
 <210> 38
<211> 8
<212> PRT
<213> Homo sapiens
 <400> 38
 Lys Arg Ile Gln Asp Asp Cys Pro
 <210> 39
 <211> 8
 <212> PRT
 <213> Homo sapiens
 <400> 39
 Arg Ile Gln Asp Asp Cys Pro Lys
                 5
 <210> 40
 <211> 8
 <212> PRT
 <213> Homo sapiens
 <400> 40
 Ile Gln Asp Asp Cys Pro Lys Ala
 <210> 41
 <211> 9
 <212> PRT
 <213> Homo sapiens
 <400> 41
 Leu Asn Ser Ser Thr Glu Asp Gly Ile
 <210> 42
 <211> 9
 <212> PRT
 <213> Homo sapiens
 <400> 42
```

<211> 8

```
Asn Ser Ser Thr Glu Asp Gly Ile Lys
<210> 43
<211> 9
<212> PRT
<213> Homo sapiens
<400> 43
Ser Ser Thr Glu Asp Gly Ile Lys Arg
<210> 44
<211> 9
<212> PRT
<213> Homo sapiens
<400> 44
Ser Thr Glu Asp Gly Ile Lys Arg Ile
<210> 45
<211> 9
<212> PRT
<213> Homo sapiens
<400> 45
Thr Glu Asp Gly Ile Lys Arg Ile Gln
<210> 46
<211> 9
<212> PRT
<213> Homo sapiens
<400> 46
Glu Asp Gly Ile Lys Arg Ile Gln Asp
            5
<210> 47
<211> 9
<212> PRT
<213> Homo sapiens
<400> 47
Asp Gly Ile Lys Arg Ile Gln Asp Asp
<210> 48
<211> 9
```

. .

```
<212> PRT
<213> Homo sapiens
<400> 48
Gly Ile Lys Arg Ile Gln Asp Asp Cys
<210> 49
<211> 9
<212> PRT
<213> Homo sapiens
<400> 49
Ile Lys Arg Ile Gln Asp Asp Cys Pro
               5
<210> 50
<211> 9
<212> PRT
<213> Homo sapiens
<400> 50
Lys Arg Ile Gln Asp Asp Cys Pro Lys
<210> 51
<211> 9
<212> PRT
<213> Homo sapiens
<400> 51
Arg Ile Gln Asp Asp Cys Pro Lys Ala
              5
<210> 52
<211> 9
<212> PRT
<213> Homo sapiens
<400> 52
Ile Gln Asp Asp Cys Pro Lys Ala Gly
<210> 53
<211>
       10
<212>
      PRT
<213> Homo sapiens
<400> 53
Ile Leu Asn Ser Ser Thr Glu Asp Gly Ile
```

```
1 5 10
·
```

<210> 54

<211> 10

<212> PRT

<213> Homo sapiens

<400> 54

Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys 1 5 10

<210> 55

<211> 10

<212> PRT

<213> Homo sapiens

<400> 55

Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg 1 5 10

<210> 56

<211> 10

<212> PRT

<213> Homo sapiens

<400> 56

Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile 1 5 10

<210> 57

<211> 10

<212> PRT

<213> Homo sapiens

<400> 57

Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln 1 5 10

<210> 58

<211> 10

<212> PRT

<213> Homo sapiens

<400> 58

Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp 1 5 10

<210> 59

<211> 10

<212> PRT

```
<213> Homo sapiens
<400> 59
Glu Asp Gly Ile Lys Arg Ile Gln Asp Asp
<210> 60
<211> 10
<212> PRT
<213> Homo sapiens
<400> 60
Asp Gly Ile Lys Arg Ile Gln Asp Asp Cys
<210> 61
<211> 10
<212> PRT
<213> Homo sapiens
<400> 61
Gly Ile Lys Arg Ile Gln Asp Asp Cys Pro
               5
<210> 62
<211> 10
<212> PRT
<213> Homo sapiens
<400> 62
Ile Lys Arg Ile Gln Asp Asp Cys Pro Lys
<210> 63
<211> 10
<212> PRT
<213> Homo sapiens
<400> 63
Lys Arg Ile Gln Asp Asp Cys Pro Lys Ala
           5
<210> 64
<211> 10
<212> PRT
<213> Homo sapiens
<400> 64
Arg Ile Gln Asp Asp Cys Pro Lys Ala Gly
               5
```

```
<210> 65
<211> 10
<212> PRT
<213> Homo sapiens
<400> 65
Ile Gln Asp Asp Cys Pro Lys Ala Gly Arg
              5
<210> 66
<211> 45
<212> PRT
<213> Bos sp.
<400> 66
Met Ile Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp
Asp Cys Pro Lys Ala Gly Arg His Asn Tyr Ile Phe Ile Met Ile Pro
           20
Thr Leu Tyr Ser Ile Ile Phe Val Val Gly Ile Phe Gly
<210> 67
<211> 45
<212> PRT
<213> Ovis sp.
<400> 67
Met Ile Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp
Asp Cys Pro Lys Ala Gly Arg His Asn Tyr Ile Phe Ile Met Ile Pro
            20
                                25
Thr Leu Tyr Ser Ile Ile Phe Val Val Gly Leu Phe Gly
        35
                            40
<210> 68
<211> 45
<212> PRT
<213> Oryctolagus cuniculus
<400> 68
Met Met Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp
                                    10
```

Asp Cys Pro Lys Ala Gly Arg His Asn Tyr Ile Phe Val Met Ile Pro 20 25 30

Thr Leu Tyr Ser Ile Ile Phe Val Val Gly Ile Phe Gly 35 40 45

<210> 69

<211> 45

<212> PRT

<213> Rattus sp.

<400> 69

Met Ile Leu Asn Ser Ser Thr Glu Asp Gly Ile Lys Arg Ile Gln Asp 1 5 10 15

Asp Cys Pro Lys Ala Gly Arg His Asn Tyr Ile Phe Val Met Ile Pro 20 25 30

Thr Leu Tyr Ser Ile Ile Phe Met Val Gly Ile Phe Gly 35 40 45

<210> 70

<211> 44

<212> PRT

<213> Cavia porcellus

<400> 70

Met Ile Leu Asn Ser Ser Thr Gln Asp Gly Ile Lys Arg Ile Gln Asp 1 5 10 15

Asp Cys Pro Lys Gly Arg His Ser Tyr Ile Phe Val Met Ile Pro Thr 20 25 30

Leu Tyr Ser Ile Ile Phe Val Val Gly Ile Phe Gly
35 40

<210> 71

<211> 43

<212> PRT

<213> Rattus sp.

<400> 71

Met Leu Asn Ser Ser Asp Asp Gly Ile Lys Arg Ile Gln Asp Asp Cys 1 5 10 15

Pro Lys Ala Gly Arg His Ser Tyr Ile Phe Val Met Ile Pro Thr Leu 20 25 30 Tyr Ser Ile Ile Phe Val Val Gly Ile Phe Gly 35 40

<210> 72

<211> 42

<212> PRT

<213> Mus musculus

<400> 72

Met Leu Asn Ser Ser Glu Asp Gly Ile Lys Arg Ile Gln Asp Asp Cys 1 5 10 15

Pro Ser Gly Arg His Ser Tyr Ile Phe Val Met Ile Pro Thr Leu Tyr 20 25 30

Ser Ile Met Phe Val Val Gly Ile Phe Gly 35 40